SIEMENS

Data sheet　　　　　　　　　　　　　　　　　　　　**3SU1851-2GA00-2AA1**

Enclosure for command devices 22 mm, round, Enclosure material metal, enclosure top part gray, 1 control point metal, Control point in center, A = palm pushbutton, black, momentary contact type, 1 NO, screw terminal, Floor mounting

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = Palm switch, momentary-contact type
manufacturer's article number	
● of supplied contact module	A2 = 3SU1400-2AA10-1BA0
● of supplied contact module at the command point A 2	3SU1400-2AA10-1BA0

Enclosure	
design of the housing	Command point in center
shape of the enclosure front	Square
material of the enclosure	metal
number of command points	1
product component	
● EMERGENCY STOP device	No
● protective collar	No
color of the enclosure top part	grey
delivery state	
● as a kit	No
● pre-wired on strip terminal	No
fastening method of the enclosure	Vertical

Actuator	
design of the actuating element	Palm switch
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
color of the actuating element	black
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	1
type of unlocking device	A = without

Front ring	
product component front ring	No
design of the front ring	Standard
material of the front ring	Metal, high gloss
color of the front ring	silver

Holder	
material of the holder	Plastic

Display	

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number of LED modules	0

General technical data

product function	
● positive opening	No
● EMERGENCY OFF function	No
● EMERGENCY STOP function	No
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
● according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
● for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
● according to IEC 60068-2-6	10 ... 500 Hz: 5g
● for railway applications according to EN 61373	Category 1, Class B
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
● at AC	
— at 50 Hz rated value	5 ... 500 V
— at 60 Hz rated value	5 ... 500 V
● at DC rated value	5 ... 500 V

Communication/ Protocol

design of the interface for communication	without

Auxiliary circuit

design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	1

Connections/ Terminals

type of electrical connection of modules and accessories	Screw-type terminal
type of electrical connection on enclosure	Cable routing above and below, both 1 x M20
tightening torque of the screws in the bracket	1 ... 1.2 N·m
tightening torque of fixing screws in the enclosure cover	1.5 ... 1.7 N·m
tightening torque with screw-type terminals	0.8 ... 0.9 N·m

Ambient conditions

ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-40 ... +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted for all devices behind front panel)

Installation/ mounting/ dimensions

fastening method of modules and accessories	Floor mounting
height	89.4 mm
width	85 mm
depth	119 mm
shape of the installation opening	round

Accessories

number of labels	1
marking of the name plate for command devices	A = I
color of the label	A = black
number of inscription plates	0

Certificates/ approvals

General Product Approval	Declaration of Conformity

Confirmation

	Declaration of Conformity	**Test Certificates**	**Marine / Shipping**			

 UKCA

Type Test Certificates/Test Report

 ABS

 LRS

 PRS

 RINA

Marine / Shipping	**other**

 RMRS

Environmental Confirmations

Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1851-2GA00-2AA1
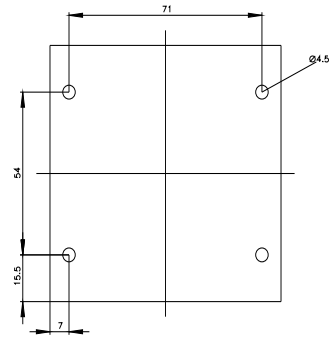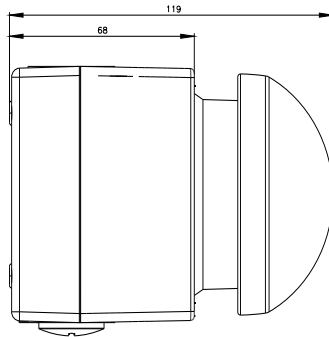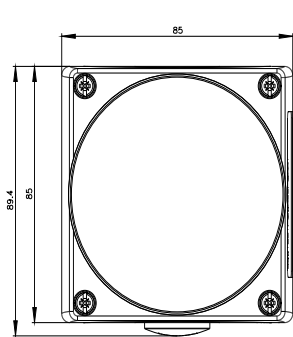
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-2GA00-2AA1

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-2GA00-2AA1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-2GA00-2AA1&lang=en

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